

MANHATTAN, KS 66502 US

LONGVIEW, TX 75604 US

Customer PO	4500542486	Sales Order #	11054324 - 5.1
Product Group	Hot Roll - Merchant Bar Quality	Product #	3006734
Grade	Nucor Multigrade	Lot #	110004285460
Size	6" x 6" x 0.5"	Heat #	1100042854
BOL #	BOL-1338732	Load #	1245031
Description	Hot Roll - Merchant Bar Quality Equal Angle 6" x 6" x 1/2" Nucor Multigrade 20' 0" [240"] 2001-6000 lbs	Customer Part #	506006001620
Production Date	01/05/2023	Qty Shipped LBS	9408
Product Country Of Origin	United States	Qty Shipped EA	24
Original Item Description		Original Item Number	

I hereby certify that the material described herein has been manufactured in accordance with the specifications and standards listed above and that it satisfies those requirements.

Melt Country of Origin : United States Melting Date: 01/04/2023

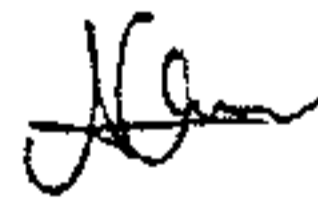
C (%)	Mn (%)	P (%)	S (%)	Si (%)	Ni (%)	Cr (%)	Mo (%)	Cu (%)	Ti (%)	V (%)	Nb (%)
0.13	0.96	0.016	0.019	0.226	0.14	0.23	0.04	0.29	0.001	0.045	0.002
<b>Sn (%)</b>											
0.010											
ASTM A529 S78.2 CE (%) : 0.42											

**Tensile testing**

	Yield (PSI)	Tensile (PSI)	Elongation in 8" (%)
(1)	56100	72900	23.0
(2)	56000	72700	23.0

**Comments:**

- NUCOR MULTIGRADE MEETS THE REQUIREMENTS OF: ASTM A36/A36M-14; A529/529M-05(2009) GR50(345); A572/572M-07 GR50(345); A709/709M-10 GR36(250) & GR50(345); CSA G40.21-04 GR44W(300W)& GR50W(350W); AASHTO M270/M270M-10 GR36(270) & GR50(345); ASME SA36/SA36M-07; MEETS REPORTING REQUIREMENTS OF EN10204 SEC 3.1
- All manufacturing processes of the steel, including melting, casting & hot rolling, have been performed in U.S.A
  - Mercury not intentionally added at any point during manufacturing or testing of this material.
  - Welding or weld repair was not performed on this material.
  - This material conforms to the specifications described on this document and may not be reproduced, except in full, without written approval of Nucor Corporation.
  - Results reported ASTM E45 (Inclusion content) and ASTM E381 (Macro-etch) are provided as interpretation of ASTM procedures.



Ada Ortega, Quality Assurance